# XY-U020852202M   Product Description

## Application

- Goods Management
- Motor Vehicle Manufacturing,
- Construction and Mining
- Traffic Management
- Railway Management
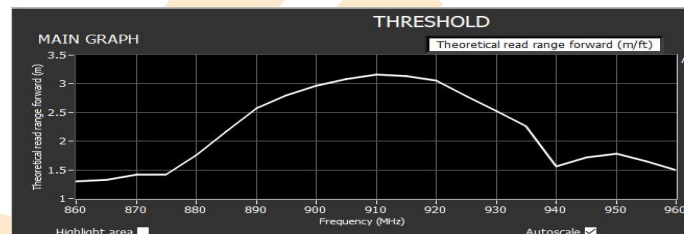- Logistics and Recyclable Parts

## Appearance



## Features

- With UHF technology, hundreds of tags can be read at a time
- The reading distance: >3m
- Suitable for outdoor environment
- 100% non-magnetic material, can be used in the library field
- Support high speed read-write

## Read Range



## RF & Physical Specifications

| Item | Description | Deviation | Unit |
|------|-------------|-----------|------|
| Chip | M4QT (Customized) | N/A | N/A |
| Dimensions | 85*22mm (Customized) | ±0.5 | mm |
| Thickness | 6mm | ±0.2 | mm |
| Material | ABS | N/A | N/A |
| IP Rating | IP 65 | N/A | N/A |
| Application Temp. | -40~80℃ | N/A | ℃ |
| Operating Temp. | -40~70℃ | N/A | ℃ |
| Memory | EPC 128bits; USER 512bits (Depends on chip) | N/A | bit |
| Frequency range with the best performance | 902-928MHz (Customized) | N/A | MHz |
| IC Life | Write endurance of 100,000 cycles<br>Date retention of 50 years | N/A | N/A |

**Application Instructions:** This is a UHF RFID shelf tag, can be made into anti-metal tag, can achieve long-distance reading and writing on the metal surface, suitable for use in warehouse environment, especially for use in libraries. In the conventional warehouse and library shelf application, the tag can be made into different frequency products according to the need, such as high frequency, ultra-high frequency products.

**Optionals:** Personalized custiomization; silk screen printing, spray printed number (UID code, EPC code, barcode, etc.)
Provide adhesive option.
Encoding service.
Other services as your request.

**Notes:** Installation and use in accordance with specifications, involving the installation of auxiliary appliances, shall be used with the appliances.
Using a read-write machine with the same protocol to read & write, related to encryption should be used with a password.
Please use in strict accordance with the product specification.
Please contact our technical personnel to deal with the abnormal problems such as product damage, package damage and incomplete data.